

Wanna Fanta?

by Arya Akhavan (September 2012)

Angles for R.I. = 1.790

37 + 8 girdles = 45 facets

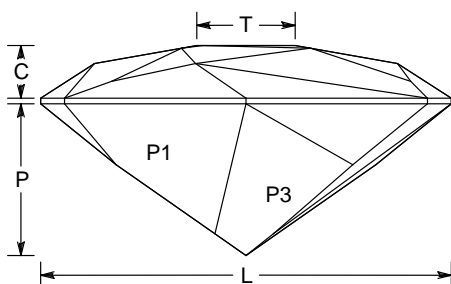
4-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.239 U/W = 0.239

P/W = 0.369 C/W = 0.128

Vol./W³ = 0.190



PAVILION

G1	90.00°	02-22-26-46-50-70-74-94	Set stone size.
P1	37.00°	02-26-50-74	Cut to centrepoint.
P2	45.00°	22-46-70-94	Level girdle.
P3	36.50°	01-25-49-73	Meet G1, P1, P2

CROWN

C1	36.49°	22-46-70-94	Set girdle width.
C2	30.00°	02-26-50-74	Level girdle.
C3	18.60°	05-29-53-77	Meet G1, C1, C2
C4	15.29°	13-37-61-85	Meet C1, C2, C3
C5	9.99°	96-24-48-72	Meet C1, C2, C3, C4
C6	6.88°	01-25-49-73	Meet C3, C4, C5
T	0.00°	Table	Meet C5, C6

Clearly designed for orange Fanta-colored spessartite garnet. This is my first foray into non-mirror symmetry, and I think it turned out pretty good! The reflection pattern is interesting, there's high light return, and it's easy and straightforward to cut. Plus, it's extra shallow, so it's great for sphene!

Recommended size = 5-8 mm

C:\Program Files (x86)\GemCAD\Designs (Mine)\Wanna Fanta.gem